OFFICE OF THE EXCISE COMMISSIONER IN MYSORE, BANGALORE.

Notification No. D. Dis. B1-547—36, dated 14th September 1936.

Mr. Mohamed Ali Mecci, Excise Inspector, is hereby permitted to change his name from 'Mohamed Ali Mecci' to 'M. A. Mecci.'

P. CHICKANNA SETTY,
For *Excise Commissioner.*

I hereby give public notice that I have cancelled the Power of Attorney executed by me in favour of:—

(1) Memon Rahimtulla Haji Shariff of Bantva in Kathiawar.
(2) Memon Ebrahim Ismail Ajakwala of Keshod in Kathiawar.
(3) Memon Abaummer Karim Kalia of Bantva in Kathiawar.
(4) Khatri Mohamed Abu Dhorajiwala.

On 10th September 1935.

Shimoga, 4th September 1936. (Sd.) HASHAM HAJI GANI BALAGAMWALA.

THE MYSORE PAPER MILLS, LIMITED, BANGALORE.

Tender Notice, dated 15th September 1936.

Sealed tenders will be received up to 5 P.M., on the 25th September 1936, at this Office, for various types of Staff Quarters to be constructed for the Paper Mills Colony at Bhadravati.

Details of specifications and other conditions connected with these tenders can be had at the above Office at any time between 11 A.M. and 5 P.M. on working days.

M. R. NARASIMIENGAR,
Secretary.

GOVERNMENT OF MYSORE, STORES PURCHASE COMMITTEE, BANGALORE.

No. S. P. C. 4490-500., *dated 10th September* 1936.

To

The Firms-dealing in Telephone Materials.

Enquiry No. 1945.

MONOPHONES FOR TRUNK OPERATION.

GENTLEMEN,

I write to request you to quote your best price and earliest time of delivery for the following equipment:—

Fifty Monophones (combined transmitter and receiver) of moulded bakelite, conforming to the British Post Office Specification and suitable for tropical conditions.

The price to be quoted should be for delivery f.o.b., British port or c.i.f., Madras.

The quotations should be followed by the description literature and specification of the Instruments offered.

A brief specification of the instruments required is given below.

The enquiry will close on 5th October 1936.

SPECIFICATION FOR MONOPHONES.

The Monophones should be made of black moulded bakelite and should be suitable for tropical conditions. They should be designed to conform to the British Post Office Specification and are required to be used for trunk automatic telephone line service. The Monophones should be fitted with a standard dial suitable for Strowger Automatic Telephone System.

The transmitter should be of the "Inset" type of the latest design, and the receiver should have a transmission efficiency superior to the normal commercial bell receiver.

The electrodes should be wholly immersed in the granules to ensure permanent contact and uniform pressure.

The moving parts should have the least effective mass, and the instruments should not fry or howl or break circuit. The transmission efficiency and resistance of the set should remain steady irrespective of the manner in which the instruments are held. The transmission efficiency should be not less than that specified in the British Post Office standards.

The instruments should be so designed that the side tone is fully controlled by "Anti side-tone induction coil" circuit which is adaptable for use in conjunction with any other standard type of telephone instruments such as the candle stick telephones, wall telephones and public telephones of the "coin-collecting" type. The side tone should always be kept within such limits that the speaker does not experience overloading effect in spite of the wide range of line conditions which are met with in actual practice.

No. S. P. C. 4653-60, *dated 7th September* 1936.

To

The Firms dealing in Electrical Materials.

Enquiry No. 1949.

STALLOY STAMPINGS FOR THE MANUFACTURE OF DISTRIBUTION TRANSFORMERS.

GENTLEMEN,

I write to request you to quote your best prices and earliest time of delivery for the materials described hereunder.

The prices to be quoted should be for delivery f.o.b., foreign port and c.i.f., Madras.

The enquiry will close on the 15th of November 1936.

Schedule.

Item (1) 7,800 lbs. of Stalloy Stampings as per Sketch No. 1 of drawing No. 150 which can be had on application to the undersigned.
„ (2) 8,100 lbs. of Stalloy Stampings as per Sketch No. 2 of drawing No. 150
„ (3) 20,250 lbs. of Stalloy Stampings as per Sketch No. 3 of drawing No. 150.
„ (4) 215 lbs. of Stalloy Stampings as per Column No. 1 of drawing No. G. 416 which can be had from the undersigned on application.
„ (5) 325 lbs. of Stalloy Stampings as per Column No. 2 of drawing No. G. 416.
„ (6) 450 lbs. of Stalloy Stampings as per Column No. 3 of drawing No. G. 416.
„ (7) 600 lbs. of Stalloy Stampings as per Column No. 4 of drawing No. G. 416.
„ (8) 725 lbs. of Stalloy Stampings as per Column No. 5 of drawing No. G. 416.

The above stampings are required for the manufacture of distribution transformers and should conform to the specifications given below.

Quotations should be complete and be accompanied by samples cut in place to show the insulation at the edges and necessary curves showing the total loss, ampere turns per c.m. and the ratio between the hysteresis and eddy current losses, etc., for the full range of flux densities between 8,000 and 18,000 lines per square c.m. at 25 cycles and 50 cycles, without which the tenders will not be considered.

Certified reports of factory tests made in accordance with the B.E.S.A. Standars for losses and permeability for every 5 tons or part thereof of each consignment would be required of the successful tenderer at the time of the supply of materials.

Specifications for Stalloy Stampings.

The sheets should be rolled of high silicon steel and insulated on both sides with varnish which is not affected by hot transformer oil and shellac varnish. The individual sheets should be 0·014" thick with a nominal weight per square foot of 0·55 lb. The finish of the sheets should be such as to ensure the highest space factor consistent with good insulating properties. The sheets should be accurately punched to the sizes shown in the sketches, so that for every 'U' shaped punching there should be a corresponding yoke piece. The punched sheets should be insulated at the cut edges also. The finished sheets should be free from all burrs and scales ensuring a good magnetic joint. The punchings should be well annealed and aged so that there should be no measurable increase in the iron loss at a density between 10,000 and 13,000 lines per square c.m. when heated to a temperature of 100° C. and the temperature maintained at 100° C. for 600 hours. The total loss per lb. of the material and the ampere turns per c.m. length of the magnetic circuit should not exceed the following figures :—

B. Max.	*Watts loss per lb.*		*Ampere turns per c.m.*
Lines per sq. c.m.	25 cys.	50 cys.	
10,000	0·27	0·63	1·7
13,000	0·45	1·11	5·0

No. S. P. C. 4660-88, *dated 7th September* 1936.

To

The Firms dealing in Automatic Telephone Cables.

Enquiry No. 1952.

SILK AND COTTON-COVERED TELEPHONE CABLES.

GENTLEMEN,

I write to request you to quote your best prices and earliest time of delivery for the following materials.

Item (1) $\frac{1}{4}$ mile of Multi-conductor Telephone Cable, consisting of 50 pairs of copper conductors, 10 lbs. per mile, enamelled and covered with one layer of silk and two layers of cotton, impregnated in vacuum with bees-wax and lead-sheather.

„ (2) $\frac{1}{2}$ Do do but consisting of 25 pairs.

„ (3) $\frac{1}{2}$ Do do but consisting of 10 pairs.

„ (4) $\frac{1}{2}$ Do do but consisting of 5 pairs.

The cables under the above items should be of twin-twist formation, and should have additional pairs of conductors as follows:—

50 Pair cable	.. 3 extra pairs.
25 Pair Cable	.. 1 extra pair.
10 Pair Cable	.. 1 extra pair.

The cable should conform to the I.S.D. Specification No. H-77A in so far as it applies to this type of cable and the minimum thickness of enamel, silk and cotton insulation should be as stated in Table I of the Specification. The minimum thickness of the lead-sheath, which should contain 1 per cent antimony, shall be ·075″ for the 50-pair cable and ·065″ for the other cables.

These cables would be required to be tested in accordance with the above I.S.D. Specification and test certificates thereof would be required of the successful tenderer at the time of supply of the materials.

The prices to be quoted should be for delivery c.i.f., Madras.

The enquiry will close on the 10th November 1936.

No. S. P. C. 4759-88, *dated 10th September* 1936.

To

The Firms dealing in Electrical Materials.

Enquiry No. 1953.

MATERIALS REQUIRED FOR THE MANUFACTURE OF ELECTRIC TRANSFORMERS.

GENTLEMEN,

Please quote your best prices and the earliest time of delivery for the materials described in Schedules I, II and III noted below:—

The prices to be quoted should be for delivery c.i.f., Madras.

The enquiry will close on the 15th November 1936.

Schedule I.

SPECIFICATION FOR ROUND MAGNET WIRES.

Item No.	Size of wire	Quantity in lbs.	Kind of cotton covering	Diameter of bare wire	Total thickness of covering in mils	Weight of minimum continuous length to be supplied
1	No. 3 S.W.G. ..	5,220	Braiding	0·252″	20	58 lbs.
2	„ 5 S.W.G. ..	2,250	„	0·212″	18	45 „
3	„ 7 S.W.G. ..	2,180	„	0·176″	16	33 „
4	„ 17 S.W.G. ..	6,930	D. C. C.	0·056″	10	77 „
5	„ 16 B. & S. ..	355	„	0·05082″	10	71 „
6	„ 18 S. W.G. ..	3,150	„	0·048″	10	63 „
7	„ 17 B. & S. ..	270	„	0·04526″	10	54 „
8	„ 19 S.W.G. ..	2,760	„	0·040″	10	46 „
9	„ 19 B. & S. ..	220	„	0·03589″	10	44 „
10	„ 22 S.W.G. ..	115	„	0·028″	10	31 „
11	„ 25 S.W.G. ..	95	„	0·020″	10	19 „

Note.—By the total thickness of cotton covering is meant the increase in the diameter of the bare wire due to the cotton covering.

Schedule II.

SPECIFICATION FOR COTTON BRAIDED RECTANGULAR COPPER STRIPS WITH ROUNDED CORNERS.

Item No.	Dimensions of bare strip			Effective area of cross section in in square inches	Quantity in lbs.	Total thickness of braiding in mils.	Weight of minimum continuous length to be supplied
	Width of Section=W. in mils.	Depth of Section=D. in mils.	Radius of corners=R. Drg. No. G. 415 (which can be had from the undersigned on application)				
1	93	62	0·02″	0·0054	55	14	55 lbs.
2	107	105	0·02″	0·011	80	14	80 ,,
3	148	129	1/32″	0·01821	135	16	135 ,,
4	210	138	3/64″	0·0272	175	18	35 ,,
5	252	157	1/16″	0·0363	215	20	43 ,,

Note.—By the total thickness of braiding is meant the increase in the overall dimensions of the bare strip.

Schedule III.

VARNISHED CAMBRIC INSULATED LEADS.

Item (1) 2,500 ft. of (7/0.028″) single conductor cable for out-door use, insulated for 6,000 volts pressure with black varnished cambric tape of 10/64″ thickness and covered with two impregnated weather-proof cotton braids each 0·02″ thick.

Item (2) 4,000 ft. of (7/08″) single conductor Cable for out-door use insulated for 600 volts pressure with black varnished cambric tape of 1/16″ thickness and covered with two impregnated weather-proof cotton braids each 0·02″ thick.

The wires and cables required under Schedules I, II and III should be made of annealed copper of 100 per cent conductivity based on the International annealed copper standard at 20° C. (subject to the tolerances as per B.E.S.A. Specification No. 7, 1926).

The copper wires required under Schedules I and II should be free from kinks and joints and the insulation should consist of fine cotton yarn closely spun or braided so that the copper should not be exposed when the wire is bent at right angles. The thickness of the covering shall in no case exceed the specified values. The wires should be wound in the form of hanks having an internal diameter of not less than 11½″.

In the case of the cables required under Schedule III, the di-electric strength of the varnished cambric tape before cabling should not be less than 1,050 volts per mil at 25° C. and the compound used for the weather-proof braids should have a high melting point and be unaffected by hot transformer oil.

Quotations must be complete furnishing full technical information and be accompanied by samples in the case of all the items under the Schedules I, II and III. The thickness of the cotton covering in the case of items under Schedules I and II, and that of varnished cambric tape and weather-proof braids in the case of items under Schedule III should be furnished. The di-electric strength of the varnished cambric tape at 25° C. both before and after cabling should be specified.

Alternative quotations for paper covered wires in respect of items under Schedules I and II only may be sent together with samples specifying the thickness and di-electric strength of the paper proposed to be offered.

No. S. P. C. 4738-50, *dated 8th September* 1936.

To

The Firms dealing in Wires and Cables.

Enquiry No. 1954.

SUPPLY OF CABLES REQUIRED FOR KRISHNARAJA SAGARA DIVISION.

GENTLEMEN,

Please quote your best prices and the earliest time of delivery for the materials described in the attached schedule.

The quotation should be for delivery f.o.r., Belagola Railway Station, Mysore Railways.

This enquiry will close on the 28th of September 1936.

Schedule.

Item No.	Name of the materials	Quantity required	Rate
1	Cable No. 10 B. & S. 7/·044. (carrying capacity 26 Amp.) "Flat twin core" cable. Conductors composed of best annealed twined copper wires insulated with "Paramite" insulation taped with a rubber proofed tape. Two such cores laid side by side and sheathed over all with metal suitable to 250 volts circuit	600 ft.	
2	Cable No. 12 B. & S. Standard, 7/·029 (carrying capacity 17·5 amp.) Flat core cable conductors composed of best annealed twined copper wires, insulated with "Paramite" insulation taped with a rubber proofed tape. Two such cores laid side by side and sheathed over all with metal suitable for 250 V. circuit	600 „	
3	Cable No. 14 B. & S. Workshop flexible 70/·0076. Round twin workshop flexible cord, conductors composed of twined copper wires, twisted together insulated with successive layers of a "Paramite" dielectric, two such cores twisted together made up circular with cotton braided and soaked in black wax 600 megohm grade suitable for 600 volts	150 „	
4	Two core cab tyre cable insulated with "Paramite" round sheathed flexible cord conductors composed of high conductivity annealed copper wires, each wire evenly coated with successive layers of special "Paramite dielectric resistant to heat, cold, dryness, oxidation. Two such cores marked for identification purposes laid up warmed and sheathed with special rubber 600 megohm grade ..	150 „	
5	No. 10 B. & S. (7/·0385) conductor composed of best annealed twined copper wires having an electric conductivity in accordance with the B. & S. A. specification for annealed copper conductors. The strands are laid together spirally but without twists. The dielectric consists of two layers of V.I.R., coated with a rubber proofed tape and vulcanised, braided with asbestos yarn and compounded with special fire resisting compound 600 megohm	150 „	
6	No. 6 B. & S. 7/·06124 "S" Round 3 core braided cable manufactured to the following specification. Conductors composed of best annealed copper wires having an electric conductivity in accordance with the B. & S. A. The dielectric consists of one layer of pure rubber and 2 layers of vulcanising rubber coated with a rubber proofed tape and the whole vulcanised together. 3 cores insulated twisted together warmed circular, double braided with cotton yarn. 600 megohm grade	150 „	
	o. 2 B. & S. (181·064) 83 Amps, "Paramite" insulated single core, braided cable, conductors composed of high conductivity annealed copper wires each wire evenly coated with tin free from tin holes, the wires in a stranded are laid together with successive layers of special paramite dielectric, resistant to heat, cold dryness, wetness, oxidisation and ele-chemical action taped with a closely woven rubber proofed cotton. Tape throughout the entire length of the cable, braided with fine cotton yarn and thoroughly impregnated with high melting point and water proof compound 600 megohms suitable for indoor use	500 „	
8	No. 4 B. & S. 19/·052. 64 amps. carrying capacity	500 „	
9	No. 6 B. & S. 7/·064 (carrying capacity 46 amps.) ..	500 „	

No. S. P. C. 4867-80, *dated 12th September* 1936.

To

The Firms dealing in Hardware Materials.

Enquiry No. 1956.

PORTABLE DRILLING MACHINE FOR KRISHNARAJA SAGARA DIVISION.

DEAR SIR/GENTLEMEN,

Please be good enough to intimate your best prices and the earliest time of delivery for the materials described in the form printed below.

It should be distinctly understood that the acceptance by us of your quotation will be subject to the following conditions :—

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specifications will entail cancellations of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event, the Stores Purchase Committee reserve the right to remove your name from the list of approved firms.

The quotations should be superscribed " Quotations for Portable Drilling Machine for Krishnaraja Sagara Division" with the above enquiry Number.

This enquiry will be closed on the 21st September 1936.

Schedule.

Item No.	Description of material offered	Quantity	Price quoted F. O. R.	Time of delivery
1	Portable-Electric Hand drilling machine to work on A.C. 230 volts, 25 cycles Single phase capable of drilling holes up to $\frac{3}{4}$" ..	One.	Belagola Railway Station, Mysores Railways.	

No. S. P. C. 4881-85, *dated 14th September* 1936.

To

The Firms dealing in Ledger Binders.

Enquiry No. 1958.

LOOSE-LEAF LEDGER BINDERS.

GENTLEMEN,

I write to request you to quote your best price and earliest time of delivery for the following materials :—

Loose-leaf Ledger binders, with extension rods and superior non-interchangeable locks duplicate keys, similar to the sample available in Chief Electrical Engineer's Office, can be seen at any time during office hours.

Sample of the binders offered by you should accompany your tender.

The price to be quoted should be for free delivery at the C.P.S. Central Stores near Binny Mills, Ltd., Bangalore.

This enquiry will close on 24th September 1936.

No. S. P. C. 5172-88, *dated 15th September* 1936.

To

The Firms dealing in Telephones.

Enquiry No. 1962.

MAGNETO TELEPHONES.

GENTLEMEN,

I write to request you to quote your best prices and earliest time of delivery for the following :—

1. Magneto Telephones, Wall type, with 2,500 ohms ringers and fitted with a powerful 5 magnet generator with tropical finish, for long distance use 50
2. Magneto Telephones, Table type, with 2,500 ohms ringer and fitted with a powerful 5 magnet generator, tropical finish 28

3. Magneto Telephones, Portable, long distance with a powerful 5 magnet generator, tropical finish, enclosed in leather case with carrying straps 25

The above telephones should be supplied with Neo-Phone type combined transmitter and receiver of the latest design. Full details of the equipment offered with literature and specifications should be furnished with your tender. The portable telephones should be as light as possible and the actual weight of each instrument with the leather case should be definitely specified by you in your quotation.

The prices to be quoted should be for delivery f.o.b., foreign port and your quotation should be in duplicate.

The enquiry will close on the 26th October 1936.

No. S. P. C. 5149-71, *dated* 15*th September* 1936.

To

The Firms dealing in Rubber Gloves.

Enquiry No. 1964.

RUBBER GLOVES.

GENTLEMEN,

I write to request you to quote your best prices and earliest time of delivery for the following materials.

Item 1. Rubber Gloves, tested for 15,000 volts, size No. 9, 18″ long .. 100 pairs.
Item 2. Rubber Gloves, tested for 15,000 volts, size No. 10, 18″ long .. 60 ,,

The successful tenderers will be required to submit test certificates at the time of supply of gloves. The gloves should be stamped with the letters "Gomed" and the price quoted should include the cost of such stamping.

The prices to be quoted should be for delivery alternatively f.o.b., foreign port, c.i.f., Madras and f.o.r., Bangalore.

Your quotation should be in duplicate accompanied by pamphlets and samples of the gloves offered by you.

The enquiry will close on the 22nd of October 1936.

No. S. P. C. 5118-48, *dated* 15*th September* 1936.

To

The Firms dealing in Insulating materials.

Enquiry No. 1966.

MISCELLANEOUS MATERIALS.

GENTLEMEN,

I write to request you to quote your best prices and earliest time of delivery for the following materials.

(1)	Insulation tape, black adhesive, 7 mils thick, in rolls of ½ a lb. each,— ½″ width	1,480 Rolls.
(2)	Do do ¾″ width	680 ,,
(3)	Do do 1″ ,, ...	40 ,,
(4)	Fine Egyptian cotton linen tape, in rolls of 1 gross yard ½″ width	165 ,,
(5)	Do do ¾″ width ..	165 ,,
(6)	Do do 1″ ,, ..	115 ,,
(7)	Insulation tape, black, varnish cambric, 7 mils thick, bias cut in rolls of 1 gross yard ½″ width	512 ,,
(8)	Do do ¾″ width ..	512 ,,
(9)	Do do 1″ ,, ..	145 ,,
(10)	Varnished Cambric Cloth, Black, 36″ width, size 7 mils thick, ..	115 yards.
(11)	Do do. 10 mils thick ..	20 ,,
(12)	Do Yellow do 7 mils thick ..	100 ,,
(13)	Soldering paste, best quality in 1 lb. tins	175 lbs.

The names of the manufacturers of the materials offered by you and full specifications with regard to the di-electric strength of the varnished cambric tapes, etc., should be clearly specified and the samples of the materials offered should also be furnished with your quotation and your quotation should be submitted in duplicate.

The prices to be quoted should be for delivery f.o.b., foreign port.

The enquiry will close on the 15th of October 1936.

No. S. P. C. 5115-17, *dated* 14*th September* 1936.

To

The Firms dealing in Petromax Lanterns.

Enquiry No. 1967.

PETROMAX LANTERN.

DEAR SIR/GENTLEMEN,

Please be good enough to intimate your best prices and the earlist time of delivery for the materials described in the undermentioned schedule, in the form printed below.

It should be distinctly understood that the acceptance by us of your quotation will be subject to the following conditions:—

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specifications will entail cancellations of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event, the Stores Purchase Committee reserve the right to remove your name from the list of approved firms.

The quotations should be superscribed "Quotations for Petromax Lantern" with the above enquiry Number.

This enquiry will be closed on the 24th September 1936.

Schedule.

Item No.	Description of material offered	Quantity	Price quote. F. O. R.	Time of delivery
1	Petromax Lantern 300 c. p. with accessories, pressure gauge, etc., complete	One.	Kolar.	

No. S. P. C. 5103-5114, *dated* 12*th September* 1936.

To

The Firms dealing in Sanitary Fittings.

Enquiry No. 1969.

SANITARY FITTINGS TO SAJJAN RAO'S OBSTERIC ISOLATION HOSPITAL, BANGALORE CITY.

DEAR SIR/GENTLEMEN,

Please be good enough to intimate your best prices and the earliest time of delivery for the materials described in the undermentioned schedule, in the form printed below.

It should be distinctly understood that the acceptance by us of your quotation will be subject to the following conditions:—

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specifications will entail cancellations of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event, the Stores Purchase Committee reserve the right to remove your name from the list of approved firms.

The quotations should be superscribed "Quotations for Sanitary Fittings to Sajjan R Obsteric Isolation Hospital" with the above enquiry Number.

This enquiry will be closed on the 24th September 1936.

Schedule.

Item No.	Description of material offered	Quantity	Price quoted	Time of delivery
1	White porcelain English Closet P. trap with 3 gallons C.I. flushing cistern, telescope flush pipe, chain and pull, double thickness polished wooden seat with N.P. hinges complete ..	One.	For delivery free in Bangalore.	

Item No.	Description of material offered	Quantity	Price quoted	Time of delivery
2	White porcelain Hindustan closet trap with 3 gallons C.I. flushing cistern, telescope flush pipe and one pair of marble foot rests, chain and pull etc., complete set	Six		
3	Valcanware fire clay sinks with combined overflow and outlet at centre or end size over all 36″×20″×10″ with 2″ brass waste plug and C.I. Cantilevers	Four		
4	White porcelain Lavatory basin 25″×19″ over all waste union plug and chain C.I. brackets, etc., complete set	Four		
5	Surgeon Lavatories with Elbow action fittings size of basin 30″×23″ complete with waste union and brackets of standard English make	Two		
6	Bed-pan sink complete set as per shanks m.5870	Four		
7	1″ diameter N. P. Towel Rail 18″ long complete with brackets	Ten		
8	Glass shelf 18″×5″ with nickel plated brackets and screws complete.	Four		
9	Bevelled Mirrors rectangular 24″×18″ over all with white wood frame	Four		

N.B.—Only quotations for delivery of materials immediately from stock will be considered.

No. S. P. C. 5192-5216, *dated 12th September* 1936.

To

The Firms dealing in Steam Road Rollers.

Enquiry No. 1970.

STEAM ROAD ROLLERS.

GENTLEMEN,

I write to request you to quote your best prices and earliest time of delivery for two, five-ton Steam Road Rollers, described below :—

Two.—Five-ton compound Cylinders, latest improved, Special Steam Road Rollers for earth-banks, kunkur road, etc., of the following dimensions and specifications :—

Nominal weight	5 tons.
Length of roller overall	15′–10½″.
Total width rolled	6′–3″.
Cylinders	4½″ and 7½″×9″ stroke.
Hind rollers	5′–0″ dia. ×1′–8″ wide.
Front rollers	3′–2″ dia. ×3′–2″ wide.

The Rollers should contain the following fittings :—

Enlarged firebox for burning wood, coal or inferior feul;
Special cast steel fork and steam jacketted cylinders;
Side covers for motion work and disc pattern fly-wheel;
Crankshaft and axles of best hammered steel;
Best cast steel gearing throughout and two speeds and clutch gear;
Patent renewable hind and front rollers with *built up steel plated rims*;
Patent revolving type adjustable spring scrapers on hind rollers;
Adjustable scrapers on front rollers and powerful work and wheel steerage;
Screw friction brake and whistle;
Injector and connections and feed pump for feeding the boiler;
Special India type awning with a set of curtains;
Complete set of firing tools, etc., in outfit;
The Rollers should be fitted with water spraying apparatus for hind and front rollers.

The price quoted for should be for delivery f.o.r., Maddur, Mysore Railways.

Detailed specification of the Rollers offered with printed leaflets should be furnished with your quotation.

Alternatively you can offer second-hand Rollers available in India for immediate delivery, you may also quote for the same giving full description and details of its existing condition and also specifying the period during which the Roller has been in service. Where the Roller is available for inspection may also be stated.

This enquiry will close on the 25th of September 1936.

No. S. P. C. 5324-41, *dated 15th September* 1936.

To

The Firms dealing in Turn Buckles.

Enquiry No. 1973.

TURN BUCKLES AND WIRE THIMBLES.

GENTLEMEN,

I write to request you to quote your best prices and earliest time of delivery for the following materials :—

1. 5,000—Galvanised Turn Buckles, 12″ long, $\frac{5}{8}$″ dia. with eyes at both ends.
2. 10,000—Galvanised Wire Thimbles for $\frac{3}{8}$″ Stranded guy wire.

The materials should conform the brief specification given below :—

Both the turn buckles and the wire thimbles should be fully galvanised and not sherardized and be able to satisfactorily withstand the standard copper sulphate solution immersion test. They should strictly conform to the description and size given in drawing No. G. 392, a copy of which can be had from the undersigned on application. Materials other than those to our specifications will not be considered.

Turn buckles should be of $\frac{5}{8}$″ diameter bolts and have clear cut-threads. The breaking strength of the turn buckles should be not less than 7,000 lbs.

The prices to be quoted should be for delivery f.o.b., foreign port, c.i.f., Madras and f.o.r., Bangalore and your quotation should be in duplicate.

This enquiry will close on the 15th of October 1936.

No. S. P. C. 5298-5323, *dated* 14*th September* 1936.

To

The Firms dealing in Wattmeters.

Enquiry No. 1974.

WATTMETERS, ETC.

GENTLEMEN,

I write to request you to quote your best prices and earliest time of delivery for the following materials :—

Item (1) *One*—Curve Drawing Wattmeter, 3 phase, 3 wire, 25 cycles, with chart carriage and spring clock-driven mechanism, for recording the load of a 10,000KVA. transformer bank and to be used with current transformers of 4000 : 5 amperes ratio and potential transformers of 2200 : 110 volts ratio and for being mounted on 2″ panel.

Item (2) *One*—Curve Drawing, 3 phase, 3 wire Wattmeter, similar to item (1) above, but for recording the load of a 5000 KVA. transformer bank, with 2000 : 5 Amp. ratio current transformers.

Item (3) *Two*—Portable Curve Drawing A.C. Voltmeters with chart carriage and spring clock driven mechanism, for recording 200-250 volts, 25 cycles A.C., complete with leather case.

Item (4) *Two*—Portable Recording Voltmeters, similar to item 3 above, but suitable for 60 cycles.

The materials should conform to the brief specification given below :—

The above instruments should be equipped with clock mechanism for 8 days' operation with one winding and provided with a lever to start and stop the clock as and when required and the clock mechanism should be capable of accurate time keeping.

The recording wattmeters under items 1 and 2 are required to register the rapidly fluctuating loads and as such should be provided with heavy damping mechanism. They should be suitable for back connection and should have two speeds of chart movement, *viz.*, 3″ per hour and 3″ per minute, with a speed changing device.

The portable voltmeters should have a single chart speed of 3″ per hour.

The instruments should be shielded against the effect of stray fields and should have covers of stamped steel finished in dull black with glass panel in front. The instruments should be furnished with an independent spring-operated re-roll mechanism which relieves the clock of all duties except that of timing and should have an automatic feature to prevent the spring run down when re-roll bobin is removed. The chart should be capable of easy examination at any time without removing the bobin and should re-roll automatically when released.

The instruments should have an accuracy of not less than that of the B.E.S.A. specification No. 90. You should also required to quote the guaranteed accuracy of the instruments you offer, and specify their in ternal losses in terms of voltamperes watts, and power factor.

The price of spare record rolls necessary for one year for each instrument should be quoted separately. The prices for the instruments should include the cost of accessories as follows :—

(*a*) 3 Record Rolls.
(*b*) 1 Pivot wrench.
(*c*) 1 Clock key.
(*d*) 1 Pen Starter.
(*e*) 2 Pivots.
(*f*) 1 Bottle of ink,
(*g*) 1 Magnet wrench.
(*h*) 1 Pen cleaner and
(*i*) 1 Ink well filler.

You are required to furnish with your quotation complete specifications and descriptive literature regarding the materials offered.

The prices to be quoted should be for delivery f.o.b., foreign port and also c.i.f., Madras.

This enquiry will close on the 15th of November 1936.

No. S. P. C. 5430-40, *dated* 15*th September* 1936.

To

The Furniture Contractors.

Enquiry No. 1975.

MUSEUM SHOW CASE.

GENTLEMEN,

Please intimate your best present day prices for articles of furniture noted below for delivery free at Bangalore City.

Your quotation should be subject to the conditions of contract enclosed and should reach this Office by 1st October 1936.

Schedule of Articles.

T.W.—Museum Show cases with glass on all sides with shutter, as per sketch which can be inspected in the office .. .. .. (about 20).

No. S. P. C. 5441-53, *dated* 15*th September* 1936.

To

The Firms dealing in Mild Steel Tanks.

Enquiry No. 1976.

MILD STEEL TANKS.

DEAR SIR—GENTLEMEN,

Please be good enough to intimate your best prices and the earliest time of delivery for the materials described in the form printed below.

It should be distinctly understood that the acceptance by us of your quotation will be subject to the following conditions.

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specifications will entail cancellations of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event, the Stores Purchase Committee reserve the right to remove your name from the list of approved firms.

The quotations should be superscribed "Quotations for Mild Steel Tanks for Cooling of Oil Engines at Arsikere," with the above enquiry Number.

This enquiry will be closed on the 10th October 1936.

Schedule.

Item No.	Description of material offered	Quantity	Price quoted F. O. R.	Time of delivery
	Specification for mild steel Cylindrical tanks required for the Thermosyphon System of Jacket cooling of Oil Engines at Arsikere. The tank should be of mild steel cylindrical of the following dimensions—3'—9" dia. 8' high .. .. .. The tank should be provided with flanges for inlet, out-let, scour and overflow of 1½" size.	Four.	Arsikere.	

No. S. P. C. 5468-72, *dated 15th September* 1936.

To

The Firms dealing in Pumping Sets.

Enquiry No. 1977.

OIL ENGINE AND PUMP FOR KUNIGAL WATER WORKS.

DEAR SIR/GENTLEMEN,

Please be good enough to intimate your best prices and the earliest time of delivery for the equipment described in the form printed below.

It should be distinctly understood that the acceptance by us of your quotation will be subject to the following conditions :—

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specifications will entail cancellations of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event, the Stores Purchase Committee reserve the right to remove your name from the list of approved firms.

The quotations should be superscribed "Quotations for Oil Engine and Pump for Kunigal Water Supply" with the above enquiry number.

This enquiry will be closed on the 16th October 1936.

Schedule.

Item No.	Description of material offered	Quantity	Price quoted F. O. R.	Time of delivery
	Specification for the deep well pump and oil engine required for the Kunigal Town Water Supply. *Pump.*—The pump should be of the belt driven deep well type capable of delivering 1,500 gallons to 1,800 gallons per hour against a total head of 200' from all causes, provided with fast and loose pulleys. Suction pipes 120' long with rods, couplings, foot valve bedplate and foundation bolts, etc., complete. The pump is to be installed over a borewell with 120' of suction pipes, and has to deliver 1,500 to 1,800 gallons an hour against 200' total head. A suitable crude oil engine to drive the above pump with bedplate, foundation bolts and accessories complete is required, with necessary belting exhaust pipes, etc., complete.		Tumkur.	

To,

No. S. P. C. 5453-67, *dated* 15*th September* 1936.

The Firms dealing in Pumping Sets.

Enquiry No. 1978.

ELECTRIC PUMPING SET, ETC., FOR CHIKBALLAPUR WATER WORKS.

DEAR SIR/GENTLEMEN,

Please be good enough to intimate your best prices and the earliest time of delivery for the materials described in the attached schedule, in the form printed below.

It should be distinctly understood that the acceptance by us of your quotation will be subject to the following conditions :—

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specifications will entail cancellations of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event, the Stores Purchase Committee reserve the right to remove your name arom the list of approved firms.

The quotations should be superscribed "Quotations for Electric Pumping Set, etc., for Chikballapur Water Supply," with the above enquiry number.

This enquiry will be closed on the 20th October 1936.

Schedule.

CHIKBALLAPUR.

Specification for one electric motor driven air compressor and an electric motor driven centrifugal pump for Chikballapur Water Works.

I. ELECTRIC DRIVEN COMPRESSOR.

Required an air compressor driven by an electric motor for lifting water from a borewell by compressed air on the air lift principle. The data of the borewell is given below as well as the rated continuous discharge of the borewell. The air compressor must be of sufficient capacity to lift water to the ground level continuously throughout 24 hours at the rate of not less than 700 gallons an hour to a masonry reservoir built about 4′ above ground level.

Further all the accessories including receiver air lift pump, etc., and the necessary valves, gauges, etc., should also be supplied.

The electric motor driving the compressor must be capable of running on 3 phase, 25 cycle, 220 volts A.C. system.

II. DIRECT COUPLED ELECTRIC DRIVEN CENTRIFUGAL PUMP.

One direct coupled electric motor driven centrifugal pump capable of discharging 10 to 15 gallons a minute against a head of 50 ft. from all causes. The pump and motor must be fitted on a common base plate and directly coupled by means of flexible coupling. The motor to run on 3 phase, 25 cycle, 220 volts A.C. system. The pumping unit must be supplied with one delivery valve, one reflux valve and one foot valve with strainer, one pressure gauge reading between 0 and 100′ should also be supplied.

The whole equipment namely the air lift pumping plant, and the centrifugal pumping unit should be quoted F.O.R. Chickballapur.

As the submergance for the air lift pump is not enough to lift the water from the borewell above the ground level, it is proposed to lift the water from the borewell to the ground with the air lift plant and then to pump the water thus obtained to an overload tank 34′ above ground level with the help of an independent centrifugal pump.

DATA FOR AN AIR LIFT PUMPING PLANT.

1.	Number of borewell	1
2.	Diameter of do	6″
3.	Depth of do	148′
4.	Depth of casing	140′
5.	Yield per hour	700 gallons.
6.	Depth of water level below ground level before pumping ..	78½′
7.	Depth of water level while pumping continuously	88½′
8.	Height of discharge above ground	4′

Yours faithfully,

V. VEDAVYASACHARYA,

Secretary,

Stores Purchase Committee.